



ABSTRACT OF THE DISCLOSURE

DUS B 27

A bone mill according to the present invention has a pair of first cutter unit 12 and second cutter unit 13. A bone to be crushed is taken in between the first cutter unit 12 and the second cutter unit 13. While passing between the first cutter unit 12 and the second cutter unit 13, the bone is crushed.

Each cutter unit 12, 13 has a plurality of disks 15 disposed in parallel to one another at regular intervals. Each disk 15 is provided on the periphery thereof with blades 40 for crushing a bone. The cutter units 12, 13 are positioned such that the disks 15 of the first cutter unit 12 are fitted in the gaps between adjacent disks 15 of the second cutter unit 13. Both the disks 15 of the first cutter unit 12 and the disks 15 of the second cutter unit 13 are mutually inwardly rotated. Accordingly, when a bone to be crushed is supplied between the cutter units 12, 13, the bone is taken in by and between the disks 15 of the first cutter unit 12 and the disks 15 of the second cutter unit 13, both disks 15 being mutually inwardly rotated. Thus, the blades 40 of the disks 15 bite the bone, causing the same to be broken. While passing between the disks 15 of the first cutter unit 12 and the disks 15 of the second cutter unit 13, the bone is crushed by these disks 15 so positioned as to be fitted in each other.